

HEAT EXCHANGER FOR THE AIR INTAKE SYSTEM OF A HEAT ENGINE

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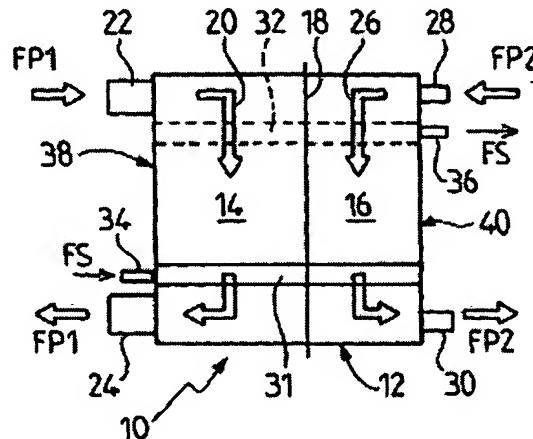
WO2004017006 (A3)
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Abstract of WO2004017006

The invention relates to a heat exchanger that is designed to be mounted to the air intake system of a heat engine. The inventive exchanger consists of a body (12) which is divided into a first part (14) comprising circulation passages (20) for a first primary fluid (FP1), namely the charge air for the engine, and a second part (16) comprising circulation passages (26) for a second primary fluid (FP2), e.g. the engine exhaust gases. The aforementioned body also comprises circulation passages (31, 32) for a secondary fluid (FS), e.g. a coolant, which is common to both parts of the exchanger. The invention is suitable for turbocharger diesel engines.



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